Contents of Volume 176

Research Articles

L.A. Gosselin and F.-S. Chia (Canada)
Feeding habits of newly hatched juveniles of an intertidal predatory gastropod, *Nucella emarginata* (Deshayes) 1

A.A. Sukhotin and N.V. Maximovich (Russia)
Variability of growth rate in *Mytilus edulis* L. from the Chupa Inlet (the White Sea) 15

P.E. McShane, H.K. Gorfine and I.A. Knuckey (Australia)
Factors influencing food selection in the abalone *Haliotis rubra* (Mollusca: Gastropoda) 27

C.H. Peterson, E.A. Irlandi and R. Black (USA, Australia)
The crash in suspension-feeding bivalve populations (*Katelysia* spp.) in Princess Royal Harbour: an unexpected consequence of eutrophication 39

D.O. Duggins and J.E. Eckman (USA)
The role of kelp detritus in the growth of benthic suspension feeders in an understory kelp forest 53

T.C. Prins, N. Dankers and A.C. Smaal (The Netherlands)
Seasonal variation in the filtration rates of a semi-natural mussel bed in relation to seston composition 69

J.R. Marsden (Barbados)
Vertical movements and distribution of planktonic larvae of the serpulid polychaete *Spirobranchus polycerus* (Schmarda); effects of changes in hydrostatic pressure 87

N.T. Hagen and K.H. Mann (Norway, Canada)
Experimental analysis of factors influencing the aggregating behaviour of the green sea urchin *Strongylocentrotus droebachiensis* (Müller) 107

A.L. Neal and A.B. Yule (UK)
The interaction between *Elminius modestus* Darwin cyprids and biofilms of *Deleya marina* NCMB1877 127

Book Reviews

Marine Coastal Eutrophication 141

Newton Rules Biology: A Physical Approach to Biological Problems 143

Measuring Behaviour. An Introductory Guide 144

Ocean Colour: Theory and Applications in a Decade of CZCS Experience 145

Research Articles

P.V.R. Snelgrove (USA)
Hydrodynamic enhancement of invertebrate larval settlement in microdepositional environments: colonization tray experiments in a muddy habitat 149

S.H. Jury, M.T. Kinnison, W.H. Howell and W.H. Watson, III (USA)
The effects of reduced salinity on lobster (*Homarus americanus* Milne-Edwards) metabolism: impli-

cations for estuarine populations 167

P.L. James and K.L. Heck Jr. (USA)
The effects of habitat complexity and light intensity on ambush predation within a simulated seagrass habitat 187

G.J. Edgar, C. Shaw, G.F. Watson and L.S. Hammond (Australia)
Comparisons of species richness, size-structure and production of benthos in vegetated and unvegetated habitats in Western Port, Victoria 201

G.J. Edgar (Australia)
Observations on the size-structure of macrofaunal assemblages 227

M. Matsumasa (Japan)
Effect of secondary substrate on associated small crustaceans in a brackish lagoon 245

V. Clavero, F.X. Niell and J.A. Fernandez (Spain)
A laboratory study to quantify the influence of *Nereis diversicolor* O.F. Müller in the exchange of phosphate between sediment and water 257

K.K. Lehtonen (Finland)
Metabolic effects of short-term starvation on the benthic amphipod *Pontoporeia affinis* Lindström from the northern Baltic Sea 269

Author Index of Volume 176 285

Contents of Volume 176 287